



B.E.S.T. Group Of Schools, Saudi Arabia

Worksheet-2

Class: VIII

Subject: Science

Examination: Evaluation-1/Half Yearly/PMT(2018)

(Block-5 Synthetic fibres, Block-6 Plastics & Block -23 Sound)

I. Choose the correct answer.

- Which of the following is not a synthetic fibre?
A) Rayon B) Cotton C) Polyester D) Nylon
- The first totally synthetic fibre discovered was _____
A) Nylon B) Rayon C) Jute D) Polyester
- Which of the following is a thermo setting plastic?
A) Polythene B) Bakelite C) Teflon D) Polystyrene.
- Sound propagate in the form of _____
A) Longitudinal waves B) Transverse waves C) Magnetic waves D) Mechanical waves
- Sound can travel through _____
A) Gases only B) Solids Only C) Liquids Only D) All of these.

II. Answer the following question in a sentence or word.

1. Why don't we see sound waves?

2. What is the role of vocal cords in human?

3. "Nylon is a polymer". What does this statement mean?

4. Why rayon is considered a regenerated fibre?.

5. Is Acrylic better than natural wool? Why?

6. List any two properties of a plastic.

7. How does the use of plastics contribute to Global warming?

8. Why does sound travel fastest through the solids?

IV. Answer the following questions in two or three sentences.

1. Describe Robert Boyle's sound experiment.

2. What are some advantages of using plastic bags over paper bags?

3. Differentiate between thermo plastic and thermo setting plastic.

4. Cotton is a natural fibre and nylon a synthetic fibre. What properties will they have?

5. Why is Terylene a material of choice for making fabrics?

6. Are synthetic fibres are .biodegradable or not? How they impact the environment?

7. Label the following diagram

